



Data Flow

In DC04

DPS Jun 03, CMSweek

PCP

50M events
75 Tbyte

1TByte/day
2 months

Fake DAQ (CERN)

CERN disk pool
~40 TByte
(~20 days data)

HLT Filter ?

CERN Tape archive

DC04 Calibration challenge

Calibration Jobs

Replica Conditions DB

Calibration sample

MASTER Conditions DB

1st pass Reconstruction

Event streams

TAG/AOD (20 kB/evt)

25Hz 1.5MB/evt
40MByte/s
3.2 TB/day

25Hz 1MB/evt raw

25Hz 0.5MB reco DST

Disk cache

Event server

Archive storage

CERN Tape archive

DC04 TO challenge

DC04 Analysis challenge

Replica Conditions DB

Higgs DST

TAG/AOD (replica)

Higgs background Study (requests New events)

SUSY Background DST

T1

Calibration Jobs

Replica Conditions DB

Calibration sample

TAG/AOD (replica)

T2

T2

T1

Replica Conditions DB

Higgs DST

TAG/AOD (replica)

Higgs background Study (requests New events)

SUSY Background DST

T2

T2